

USER: \_\_\_\_\_

CONTROL NUMBER OF PPE: \_\_\_\_\_

**IDENTIFICATION OF THE PPE AND THE PRODUCT HISTORY:** Before the inspection all the elements that are not part of the PPE must be removed and the PPE must be clean and free of any obstacles that could hinder the inspection of the whole surface. The user must provide all the information about any circumstances which could have an impact on the state of the PPE, such as a fall of the metal objects from height on a hard surface, exposure to extreme temperatures, fall arrest etc. These events may be a reason to retire the PPE. The qualified person who is in charge of the inspection holds no responsibility if the information about the history of the PPE provided by the user is incomplete or inaccurate. The inspection is carried out in accordance with the Instructions for Use and the information provided by the manufacturer.

**MANUFACTURER:**

- in case this information is not clearly stated on the product it may be looked up in the catalogue or on the manufacturer's website

**UNIQUE PRODUCTION NUMBER, DATE OF MANUFACTURE:**

- the unique production number is laser marked on the body of the descender in the XXXX/XXXX format for Sir, XXXX-XXX for Double Stop Plus, and XXXXXXXX XX XXXX for Indy Evo

- date of manufacture is a part of the unique production number. For the Sir descenders it consists of its last four digits : XXXX/XXXX, the first two digits represent the month and the following two digits represent the year of manufacture, i.e. the descender with 0417 as the last four digits of the unique production number was manufactured in April 2017. For the Double Stop descenders the date of manufacture consists of the first four digits of the unique production number, the first two of these digits represent the week of the year and the second two digits represent the year of manufacture, i.e. the descender with 0417 as the first four digits of the unique production number was manufactured in the 4th week of 2017. For the Indy Evo descenders the two digits in the middle of the unique production number represent the year of manufacture, i.e. the descender with "17" in the middle of the unique production number was manufactured in 2017.) For SIR, the latest way of marking is in the format 0000XX000000, where the last four digits is the date of manufacture.

**VISUAL AND TACTILE INSPECTION - body, axle, rivet, brake handle:**

- it is recommended to compare the descender with a new product of the same type or with the images in the catalogue, on the manufacturer's website etc.

**COMPLETENESS, THE ORIGINAL SHAPE**

- any deformation or absence of an original part is a reason to retire the descender; special attention must be given to the shape of the side plates compared with the original state

**WEAR, LOSS OF MATERIAL**

- the loss of material greater than 10% (5 % for Indy Evo) of the original state in any part of the descender is a reason to retire it, special attention must be given to the spots where there is a friction between the descender and the rope

**NICKS, CRACKS, SHARP EDGES**

- the whole surface must be smooth, without any sharp spots which could damage the textile PPE, the sharp spots may be smoothed with a smooth file, however, the total loss of material cannot be greater than 10%, for Indy Evo cannot be greater than 5 %

**CORROSION, OXIDATION:**

- the corrosion on the surface is acceptable; however, the deep corrosion, for example if it stains the textile, is unacceptable

**ADDITIONAL MARKINGS:**

Descenders may be additionally marked as long as the functionality and legibility of the original manufacturer's marking is not affected. Marking can be done with a paint pen designed for metallic material, or nail varnish or engraving has proven effective, as long as the depth of the indentation is not deeper than 0,1 mm.

**FUNCTION CHECK:**

- if necessary, the locking mechanism can be cleaned and slightly lubricated with silicone-based oil, please note that the oil must be wiped properly so that it does not come in contact with textile

**FUNCTION OF THE MOVING SIDE PLATE AND ITS SAFETY GATE (SIR, INDY EVO)**

- after pressing the safety gate the moving side plate must rotate easily to the edge position and back, after the moving side plate gets back to its initial position, the safety gate must lock automatically (only the SIR descenders have a safety gate, the INDY EVO descenders do not have it) and the moving side plate must align with the opposite side plate

**FUNCTION OF THE BRAKE HANDLE SPRING (SIR, DOUBLE STOP)**

- the brake handle must move easily and all the handle positions must be accessible. After being released from any position the handle must spontaneously return to the initial position

**FUNCTIONING OF THE DESCENDER ON ROPE**

- the descender must be tested with full load applied. It must not slip on the rope, the descending mechanism and anti-panic system must operate properly, for the SIR devices the work positioning function must be checked as well

**VERDICT:**

IF ANY OF THE INSPECTION ITEMS HAS "RETIRE" AS A RESULT, IT IS NOT POSSIBLE TO USE THE PRODUCT ANYMORE.

THE INDIVIDUAL EVIDENCE SHEET IS THE INDIVIDUAL PART OF THIS PROCEDURE.

PERIODICAL REVIEWS WERE PROVIDED ACCORDING TO THESE INSTRUCTIONS.

NOTES: please, enter the description, for example which part has to be closely observed during the use and the future inspections, what was the reason for retiring the product

**INSPECTED BY:**

name: \_\_\_\_\_

address: \_\_\_\_\_

mobile phone: \_\_\_\_\_

email: \_\_\_\_\_

signature: \_\_\_\_\_

construction deformation



damaged regulation handle



marking not legible



misalignment of the regulation handle



broken wire of the belay device

